

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 15-618

**PROJECT INFORMATION**

**Project Title:** PV Trick Tank redevelopment

**Region and Game Management Unit:** Region VI GMU 23

**Local Habitat Partnership Committee (LHPC):**

- Payson Natural Resource Committee

**Was the project presented to the LHPC?**

**YES**[×] **NO**[]

**Has this project been submitted in previous years?** YES[] **NO**[×]

**If Yes, was it funded?** YES[] **NO**[] → **Funded HPC Project #(s):**

**Project Type:** Trick Tank redevelopment

**Brief Project Summary:**

This project proposal is to provide funding to the permittee to improve a trick tank that is in poor condition located east of Pleasant Valley. A brand new aluminum apron will be constructed, new plumbing will be installed, and new troughs will be piped out of the current holding tank.

**Big Game Wildlife Species to Benefit (% benefit per species) :** elk 30%, white tailed deer 45%, mule deer 20%, and turkey 5%

**Implementation Schedule** (Month/Day/Year):

Project Start Date:

04/2016

Project End Date:

10/2016

**Environmental Compliance:**

NEPA Completed: Yes[] No[X] N/A[]

Projected Completion Date: 01/2016

State Historic Preservation Office - Archaeological Clearance:  
(Provide Attachment)

Yes[] No[X] N/A[]

Projected Completion Date: 01/2016

Arizona Game and Fish Department EA Checklist: N/A[]

To be Completed by: Danny Rodriguez

Projected Completion Date: 01/2016

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:**

\$ 5,745

**Cost Share or Matching Funds:**

\$ 5,000

**Total Project Costs:**

\$ 10,745

**PARTICIPANT INFORMATION**

**Applicant** (please print):

Danny Rodriguez

**Address:**

7200 E University Dr

Mesa AZ 85207

**E-mail:**

jrodriguez@azgfd.gov

**Telephone:** 928-525-4380

**Date:** September 1, 2015

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):

**Project has been coordinated with:**

Woody Cline (Permitee) and Tonto National Forest

**NEED STATEMENT – PROBLEM ANALYSIS:**

The Young/Pleasant Valley area possesses a diverse abundance of big game species. This area is also an active cattle allotment, so water availability is critical during the summer months. Currently, water is limited to Cherry Creek on the west and Hog Canyon Tank on the east within the project site. Both are almost a mile apart each. This trick tank has suffered severe damage due to theft and weather. This trick tank is a catchment design that utilizes an apron that spans 50 foot from the center of the holding tank on both sides. This apron is supported by 4x4 wooden beams bolted into concrete foundations. Most of the wood and apron is now missing. The holding tank is approximately 10,000 gallons and feeds only 1 concrete trough that uses a float valve.

**PROJECT OBJECTIVES:**

Provide wildlife water for both game and non-game species west of Hog Canyon and to limit use along Cherry Creek.

Additional objectives include –

- Construct new support beams for the apron
- Install a 50'x28' apron on both sides of the holding tank
- Install new plumbing to the current concrete trough
- Run new lines into a new trough that will be ¼ mile away.

This is currently a range drinker and has been coordinated with Tonto National Forest to provide the CX and other required documents to clear it for construction.

**PROJECT DESCRIPTION AND STRATEGIES:**

(How will you implement project)

This strategy for this proposal is to provide money to the permittee to purchase materials to redevelop the trick tank. The permittee will also provide labor. The materials needed to construct the trick tank include –

- (20) 4x4x8 wooden beams
- (45) 2x12x16 wooden planks
- (45) 1x4x16 wooden planks
- (20) 2x4x16 wooden planks
- Miscellaneous plumbing hardware
- (4) 200/ft 1" poly pipe
- Miscellaneous apron hardware
- 100'x56' worth of metal sheets
- 1 wildlife friendly trough

The permittee has improved the road to access this trick tank. The existing blue print will be utilized to rebuild this trick tank. The water will be kept on year round for wildlife. The new trough will be wildlife friendly and the current concrete trough will be modified to allow access for small non game wildlife.

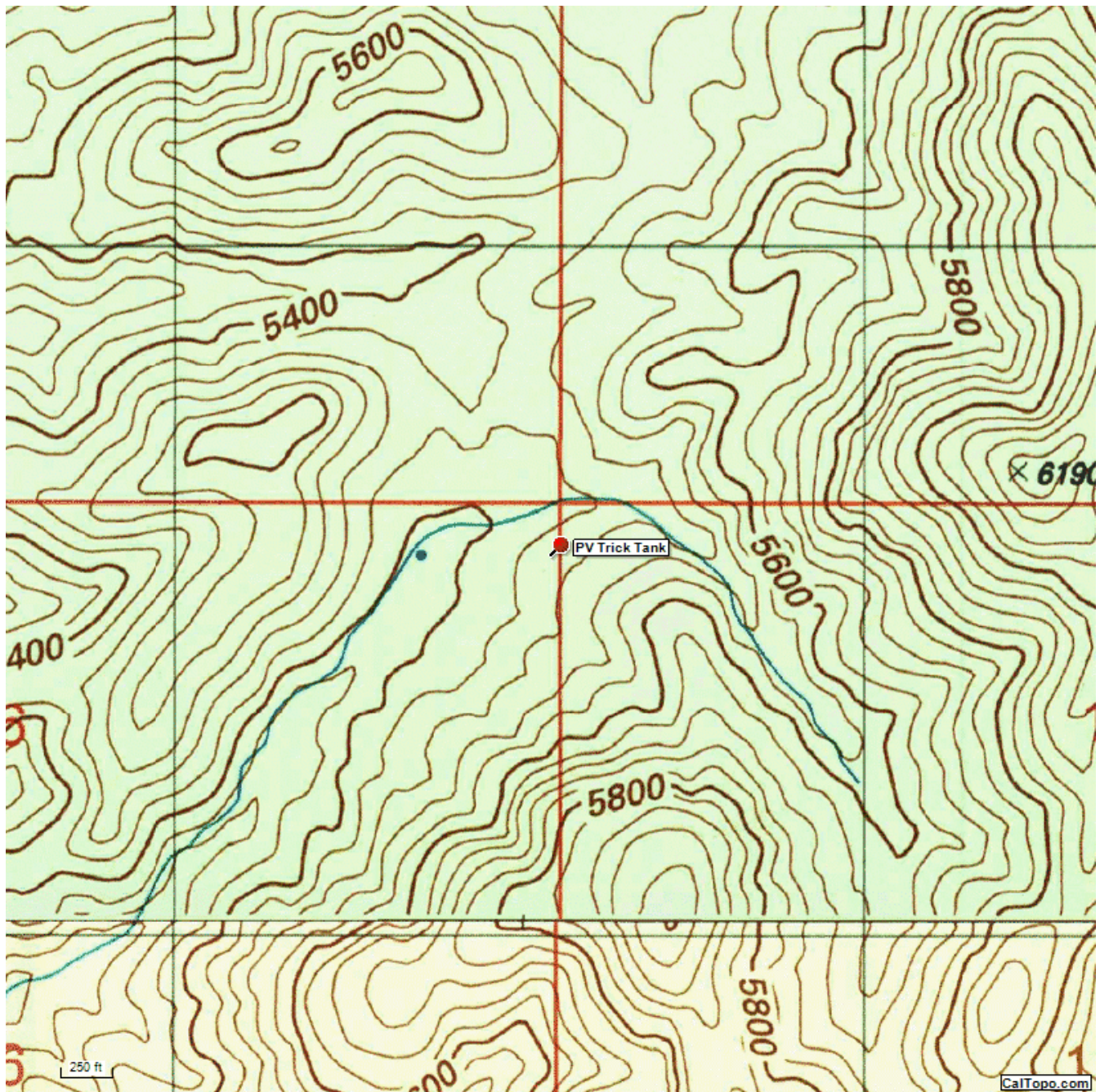
## PROJECT LOCATION

(Please provide lat/long of project area and datum. If project is larger than one point, please add multiple lat/long points or an existing shapefile of the project area)

This project is located in the Pleasant Valley Ranger District near Hog Canyon.

UTM- PV Trick Tank Site 1

- 12 S 3776561.00N
- 508590.76 E



**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(If the project area is private property, please state specifically and provide the landowner's name)

- The proposed sites are located on Tonto National Forest property managed by the Pleasant Valley Ranger District.

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*  
YES[] NO[] N/A[X]

**HABITAT DESCRIPTION:**

The primary habitat type where the proposed trick tank redevelopment is located consists of primarily oak woodland mixed with Chaparral. The elevation is about 5,600 foot.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

**Total funds requested – \$ 5,745**

- (20) 4x4x8 wooden beams @ \$10.57 - \$212
- (45) 2x12x16 wooden planks @ \$22.18 - \$1,000
- (45) 1x4x16 wooden planks @ \$5.12 - \$230
- (20) 2x4x16 wooden planks @ \$6.40 - \$128
- Miscellaneous plumbing hardware - \$600
- (4) 200/ft 1" poly pipe - \$700
- Miscellaneous apron hardware - \$800
- A total of 100'x56'metal sheets (10'x3'each) - \$1,200
- 1 wildlife friendly trough - \$875

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

- Woody Cline (Visits, coordination, facilitation, road improvement, and labor ) – \$2,000
- USFS (NEPA, ARCH clearances, visits, etc) - \$2,000
- AGFD (Coordination, write-up, facilitation, etc) - \$1,000

**Total Cost Share - \$5,000**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Woody Cline(Permitee)

- Provided labor
- Facilitate purchasing of materials
- Improve road

Arizona Game and Fish Department

- Provided in-kind contributions in the form of labor for contract administration, project origination, and project coordination/completion.

U.S. Forest Service, Tonto National Forest, Pleasant Valley Ranger District

- Provided administrative support in the form of necessary NEPA and archaeological clearances.
- Provide letter of approval for implementation of project (see attachment).

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[X] N/A[]

**PROJECT MONITORING PLAN:**

Arizona Game and Fish Department District Wildlife Manager will monitor the project until completion.

**PROJECT MAINTENANCE:**

Permitee will provide maintenance as required.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Arizona Game and Fish Department District Wildlife Manager will file a completion report.

**WATER DEVELOPMENT PROJECTS** (please use the worksheet below):

**TREE CLEARING/REMOVAL PROJECTS** (please use the worksheet below):

**ATTACHMENTS:**

(Please provide cultural clearance documentation from land management agency, e.g., FONSI, Inventory Standards, etc. Also attach any project pictures)

## **ARIZONA GAME AND FISH DEPARTMENT** **WATER DEVELOPMENT WORKSHEET**

**PROJECT TITLE:** \_\_\_\_\_

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**  
This project is not required to be listed under the Wildlife Water Development Annual Implementation due to it not being priority water listed through our department.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Development Branch was not required for this project.
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
☐2-4   ☐4-6   ☐6-8   ☐8-10   ☐10-12   ☐12-14   ☐14-16   ☒ >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES☒ (please complete #5 below)   NO☐ (skip #5 below)

- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: Cherry Creek  
Type of water source (catchment, spring, dirt tank): Creek  
Ownership of water source: Tonto National Forest  
Distance in miles from project: 0.5-1.5 miles
- 6) **Is the target wildlife species a result of transplant efforts?** YES☐   NO☒
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): ☐2x4 vehicles   ☒4x4 only   ☐foot only\*\*  
  
\*\*If foot access only: Distance in miles: \_\_\_\_\_   Approximate hiking time: \_\_\_\_\_  
  
-- Does access to this site require crossing private or tribal lands? YES☐   NO☒  
  
-- Please describe any restrictions to public access:  
  
  
9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**
- 10) **Was a site visit completed?** Yes☐   No☒  
If Yes, please list personnel that attended and date.

## **ARIZONA GAME AND FISH DEPARTMENT**

### **VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET**

**PROJECT TITLE:** Bar X Dirt Tanks

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. [http://www.hr.state.az.us/ClassComp/CC\\_Job\\_Titles\\_with\\_Ranges.asp](http://www.hr.state.az.us/ClassComp/CC_Job_Titles_with_Ranges.asp)

\$0.445/mile should be the calculation used for mileage.

<b>Water Development</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Habitat Restoration and Clean Up</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Fisheries</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Nongame Branch Project</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Misc/office work</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			varies	\$400
<b>Community Services</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$7.44	
<b>Events and Other</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Research Branch</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Wildlife Area Hosts</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$17.44	
<b>Education Programs</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$16.07	
<b>Totals</b>				